



**PATENT**

Case Docket No. NETL.001DV1

Date: December 1, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Jayesh R. Bhakta et al.  
Appl. No. : 10/674,240  
Filed : September 29, 2003  
For : ARRANGEMENT OF  
INTEGRATED CIRCUITS IN A  
MEMORY MODULE  
Examiner : Unknown  
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

December 1, 2003

(Date)

Bruce S. Itchkawitz, Reg. No. 47,677

**TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

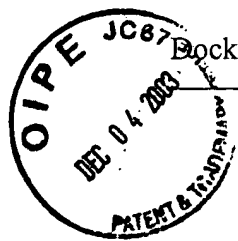
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 listing forty-two (42) references.
- (X) Return prepaid postcard.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Bruce S. Itchkawitz  
Registration No. 47,677  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404



## INFORMATION DISCLOSURE STATEMENT

Applicants : Jayesh R. Bhakta et al.  
App. No. : 10/674,240  
Filed : September 29, 2003  
For : ARRANGEMENT OF INTEGRATED  
CIRCUITS IN A MEMORY MODULE  
Examiner : Unknown  
Group Art Unit : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing forty-two (42) references that are of record in U.S. patent application No. 10/094,512, filed March 7, 2002, which is the parent of this divisional application, and is relied upon for an earlier filing date under 35 U.S.C. § 120. Copies of the references are not submitted pursuant to 37 C.F.R. § 1.98(d).

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 12/1/03

By: 

Bruce S. Itchkawitz  
Registration No. 47,677  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NETL.001DV1APPLICATION NO.  
10/674,240INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANTS  
Jayesh R. Bhakta et al.FILING DATE  
September 29, 2003GROUP  
Unknown

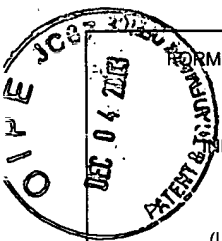
## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,012,389	04/30/91	Perry			
	2	5,164,916	11/17/92	Wu et al.			
	3	5,191,404	03/02/93	Wu et al.			
	4	5,383,148	01/17/95	Testa et al.			
	5	5,412,538	05/02/95	Kikinis et al.			
	6	5,465,229	11/07/95	Bechtolsheim et al.			
	7	5,495,435	02/27/96	Sugahara			
	8	5,513,135	04/30/96	Dell et al.			
	9	5,532,954	07/02/96	Bechtolsheim et al.			
	10	5,642,323	06/24/97	Kotani et al.			
	11	5,652,462	07/29/97	Matsunaga et al.			
	12	5,661,339	08/26/97	Clayton			
	13	5,691,946	11/25/97	DeBrosse et al.			
	14	5,712,811	01/27/98	Kim			
	15	5,743,408	05/19/98	Derouiche			
	16	5,847,985	12/08/98	Mitani et al.			
	17	5,867,448	02/02/99	Mann			
	18	5,973,951	10/26/99	Bechtolsheim et al.			
	19	6,072,744	06/06/00	Kwean			
	20	6,097,619	08/01/00	Nguyen et al.			
	21	6,151,235	11/21/00	Kitagawa et al.			
	22	6,181,004 B1	01/30/01	Koontz et al.			
	23	6,215,718 B1	04/10/01	Koelling			
	24	6,222,739 B1	04/24/01	Bhakta et al.			
	25	6,353,539 B1	03/05/02	Horine et al.			
	26	6,502,161 B1	12/02	Perego et al.			
	27	6,545,895 B1	04/08/03	Li et al.			
	28	2002/088633 A1	07/11/02	Kong et al.			

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NETL.001DV1APPLICATION NO.  
10/674,240INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANTS  
Jayesh R. Bhakta et al.FILING DATE  
September 29, 2003GROUP  
Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	29	2003/0014578 A1	01/16/03	Pax			
	30	2003/0051091 A1	03/13/03	Leung et al.			
	31	2003/0057564 A1	03/27/03	Leedy			
	32	2003/0061447 A1	03/27/03	Perego et al.			
	33	2003/009879 A1	05/15/03	Doblar et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	34	JP 60034054 A	02/21/85	Japan				

EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	35	PCT International Search Report dated August 29, 2003 in 5 pages.
	36	JEDEC Standard No. 21-C, 4.20.2 – 168 Pin, PC133 SDRAM Registered DIMM Design Specification, Revision 1.4, Release 11s, February 2002.
	37	JEDEC Standard No. 21-C, 4.20.3 – 144 Pin, PC133 SDRAM Unbuffered SO-DIMM, Reference Design Specification, Revision 1.02, Release 11.
	38	JEDEC Standard No. 21-C, DDR SDRAM PC2100 and PC1600 DDR SDRAM Registered DIMM Design Specification, Revision 1.3, Release 11b, January 2002.
	39	JEDEC Standard No. 21-C, 4.20.5 – 184 Pin PC1600/2100 DDR SDRAM Unbuffered DIMM Design Specification Revision 1.1, Release 11b.
	40	JEDEC Standard No. 21-C, 4.20.6 – 200 Pin, PC2700/PC2100/PC1600 DDR SDRAM Unbuffered SO-DIMM Reference Design Specification, Revision 1.1, Release 11b, April 26, 2002.
	41	Intel, PC SDRAM Registered DIMM Design Support Document, Revision 1.2, October 1998.
	42	Intel Corporation, 66/100 MHz PC SDRAM 64-Bit non-ECC/Parity 144 Pin Unbuffered SO-DIMM Specification, Revision 1.0, February 1999.

H:\DOCS\BSI\BSI-4890.DOC:sam  
120103

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.